

Application No.: 09/720,576
Examiner: Eileen P. Morgan
Group Art Unit: 3723

means for accepting a value from the user and displaying the value in the value display window;

whereby selecting a value in the at least one value display [windows] window automatically directs the computer program to write a new computer program to control the grinding apparatus to in-situ dress at least one of the grinding wheel, the blade and the regulating roller in a desired configuration.

4. (Amended) The program according to claim 3, further comprising a means for changing the value in the at least one numerical data input value display [windows] window to increase or decrease the values displayed [in the value windows] by using a mouse to scroll up and down a value list.

6. (Twice Amended) A computer program in combination with a computer and a rotational grinding apparatus having a grinding wheel, a blade and a regulating roller for enabling a user through a user interface to control the rotational grinding apparatus to dress the regulating roller, comprising:

means for displaying a computer screen [template] having [various] at least one numerical data input value display [windows] window, [said template including at least one data input value display window,] wherein the value displayed in the value display window [corresponding] corresponds to a numerically controlled pattern of regulator dressing, and wherein said pattern of dressing [being] is variable by changing the value in the display window relating to a variable in the process of dressing the regulating roller;

means for accepting a value from the user and displaying the value in the value display window;

whereby selecting [various] numerical data input values in the value display windows automatically directs the computer to write a new computer program to control the grinding apparatus to in-situ dress the regulating roller in a desired configuration.

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7. The program according to claim 6, further comprising means for changing the value in the value display window to either increase or decrease the values.

8. The program according to claim 6, further comprising means for enabling modification of the accepted value.

11. A computer system with a computer screen for enabling the creation of a new computer program by a user [using] utilizing [display monitor] value display windows on the computer screen, the computer program [to control] being adapted and created for controlling a rotational grinding apparatus, the computer system also for compiling data so that the rotational grinding apparatus performs as the user specifies, the computer system comprising:

means for displaying a computer program screen [form] having at least one numerical data input value display window on the computer screen which relates to a numerical variable in the process of grinding with a rotational grinding apparatus;

means for accepting a numerical value from the user and displaying the numerical value in the value display window;

means for sending the accepted value to a computer program for operating the grinding apparatus; and

means for creating a new computer program from the previous computer program containing the accepted value such that the computer program controls the grinding apparatus in a desired manner reflecting the numerical values entered into the value display windows.